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COTTON CROP OF THE UNITED STATES,
1790-1911.

COMPILED UNDER THE DIRECTION OF
GEORGE K. HOLMES,
Chief of the Division of Production and Distribution.

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COTTON CROP OF THE UNITED STATES, 1790-1911.

Intelligent use of the following table depends upon observing these explanations:

YEAR.—The year mentioned is, for production, that of planting and growth; but ginning continues into the following calendar year. When, in want of figures for production, a commercial crop is taken, this represents the trade movement beginning September 1 of the growth year and ending August 31 of the following year. The year of exports and imports begins October 1 of the growth year for the period 1790-1842 (1842 is a nine-month year); July 1 for 1843-66 (1866 is a 14-month year); and September 1 for 1867 and subsequently; except that the average price of exports per pound given for the years 1791-1800 (average for following and nearly coincident calendar years adopted) is derived from a report of Secretary of Treasury Woodbury (Ex. Doc. No. 146, 24th Cong., 1st sess.)

AREA.—Of production: Contiguous United States; of trade: Contiguous United States, and, subsequent to their annexation, Alaska, Hawaii, and Porto Rico; of total consumption: Contiguous United States, no allowance being made for the production and trade of Alaska, Hawaii, and Porto Rico, because too small, if anything, to affect the result.

PRODUCTION—NUMBER OF RUNNING BALES.—1790-1834 and 1839, production, total net weight in pounds divided by net weight per bale; 1835-38, 1840-48, 1850-58, 1860, 1865-68, 1870-78, 1880-83, commercial crop, Latham, Alexander & Company's Cotton Movement and Fluctuation; 1884-88, 1890-98, United States Department of Agriculture; 1849, 1859, 1869, 1879, 1889, 1899, and subsequently, production, Census, 1861-64, commercial crop, Production and Price of Cotton for One Hundred Years, by James L. Watkins, Bulletin No. 9, Bureau of Statistics, United States Department of Agriculture. Linters included, 1899 and subsequently. Number of running bales of linters, 1899, 114,544; 1900, 143,500; 1901, 166,026; 1902, 196,223; 1903, 195,752; 1904, 245,973; 1905, 230,497; 1906, 322,064; 1907, 268,060; 1908, 346,126; 1909, 313,478; 1910, 397,628; 1911, 556,276.

PRODUCTION—500-POUND BALES.—Linters included, 1899 and subsequently, with same number of bales as above for 1899-1902; 500-pound bales in 1903, 194,486; 1904, 241,942; 1905, 229,539; 1906, 321,689; 1907, 268,282; 1908, 345,507; 1909, 310,433; 1910, 397,072; 1911, 557,575.

PRODUCTION—NET WEIGHT PER BALE.—1790-1898, Bulletin No. 9, above, and Latham, Alexander & Co., above, except that for the Census crops of 1849, 1859, and 1869 the equivalent 400-pound bale, net lint, computed for the Census, is adopted, 1899 and subsequently, Census. Linters not included.

PRODUCTION—TOTAL NET WEIGHT.—1790-1834, production, report of Secretary Woodbury, above; 1839, 1902, and subsequently, production, Census; 1835-38, 1840-48, 1850-58, 1860-68, 1870-78, 1880-88, 1890-98, commercial crop; 1849, 1859, 1869, 1879, 1889, 1899, 1900, and 1901, production, number of bales multiplied by average net weight per bale. Linters not included.

PRODUCTION—PER ACRE.—1868-78, 1880-88, 1890-98, 1900 and subsequently, Bureau of Statistics, United States Department of Agriculture; 1879, 1889, 1899, Census.

PRICE PER POUND OF LINT.—1869-98, and 1907 and subsequently, farm price, December 1, Bureau of Statistics, Department of Agriculture, specific inquiry; 1899, Census, total farm value divided by total net weight, 1900-1, no information; 1902-6,

Census, New Orleans Cotton Exchange value for upland cotton, computed by multiplying total net weight by mean exchange price for estimated average grade, and Charleston and Savannah Cotton Exchange value for sea-island cotton. Linters not included.

TOTAL VALUE OF LINT.—Total net weight multiplied by price per pound, except for 1899, Census. Linters not included, because included in value of seed, which was in total as follows for the only years for which ascertainable: At the farm, 1899, \$46,950,575; at the mill, 1902, \$80,209,194; 1903, \$84,050,000; 1904, \$90,930,000; 1905, \$75,470,000; 1906, \$81,340,000; 1907, \$87,330,000; 1908, \$92,420,000; 1909, \$123,740,000; 1910, \$142,860,000; 1911, \$127,420,000.

DOMESTIC EXPORTS.—Including reexports 1790-1800, not including reexports 1801-19, American State Papers; 1820-1906, Bureau of Statistics, Department of Commerce and Labor. Civil War, 1860-64, and deficient record of exports. Linters included, 1897 and subsequently; uncertain whether included before 1897 and after this class of cotton first appeared in trade, soon after 1870.

IMPORTS, LESS REEXPORTS.—Imports, including reexports 1790-1800, not including reexports 1801-18, American State Papers; 1819, Report of Secretary Woodbury, above; 1820 and subsequently, Bureau of Statistics, Department of Commerce and Labor, except that the imports given for the years 1791-93 are for the following calendar years, being nearly coincident with the commercial crop years, and the report of imports for 1857-60 is wanting or only fragmentary as to quantity.

LINTERS.—1899 and subsequently, included in production of running bales and equivalent 500-pound bales, and in consumption. Included in domestic exports, as explained above.

CONSUMPTION.—Linters included, 1899 and subsequently. No account taken of stocks at beginning and end of year. The figures are from the formula of production plus net imports minus domestic exports, and do not stand for actual consumption for any certain year, concerning which see annual bulletins of Bureau of the Census concerning supply and distribution of cotton.

CONSUMPTION OF UNMANUFACTURED FIBER—PER CAPITA.—Weighted averages based upon area and population of contiguous United States: 1790-95, 1.12 pounds; 1796, 1800, 2.05 pounds; 1801-5, 4.58 pounds; 1806-10, 3.98 pounds; 1811-15, 4.56 pounds; 1816-20, 4.55 pounds; 1821-25, 4.54 pounds; 1826-30, 6.13 pounds; 1831-35, 6.05 pounds; 1836-40, 7.08 pounds; 1841-45, 10.98 pounds; 1846-50, 11.78 pounds; 1851-55, 13.17 pounds; 1856-60, 21.65 pounds; 1861-65, 22.38 pounds; 1866-70, 10.15 pounds; 1871-75, 12.88 pounds; 1876-80, 15.42 pounds; 1881-85, 17.31 pounds; 1886-90, 18.99 pounds; 1891-95, 19.02 pounds; 1896-1900, 21.76 pounds; 1901-5, 23.01 pounds; 1906-10, 23.48 pounds.

FIVE-YEAR AVERAGES.—The percentages of production retained for consumption and the per capita consumption of unmanufactured fiber are weighted averages; net weight per bale, yield per acre, and price per pound are means.

GOLD VALUES.—All values have been reduced to gold for 1862-78.

BUREAU OF THE CENSUS.—In the preparation of the following table the Bureau of Statistics of the Department of Agriculture has been favored with the cooperation of the Bureau of the Census of the Department of Commerce and Labor.

COTTON CROP OF THE UNITED STATES, 1790-1911.

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Production, value, domestic exports, net imports, and consumption of cotton in the United States, 1790-1911.

Year.	Production.			Domestic exports, beginning in year mentioned.			Imports, less reexports, beginning in year mentioned.			Per cent of production.						
	Running bales, counting round as half bales.	Equivalent 500- pound bales, gross weight.	Net weight of lint per bale.	Total net weight of lint.	Average yield per acre.	Price per pound.	Total value.	Gross weight.	Export value.	Export price per pound, gross weight.	Equivalent 500- pound bales, gross weight.	Import value.	Quantity.	Equivalent 500- pound bales, gross weight.	No. Dollars.	Number.	Per cent of prod. ctd.
1790.....	6,667	3,138	225	1,500,000	379	189,316	333,124	637	3,456	10,0.1
1791.....	8,889	4,184	225	2,000,000	....	....	....	138,328	277	29.0	1,501	731,743	1,112	5,019	120,0.0
1792.....	13,333	6,726	225	3,000,000	....	....	....	548,550	1,097	32.0	2,630,239	5,563	10,682	170,0.2	
1793.....	22,222	10,460	225	5,000,000	....	....	....	1,782,310	3,565	33.0	2,450,673	5,127	12,022	114,9	
1794.....	35,556	16,736	225	8,000,000	....	....	....	4,707,225	9,414	36.5	4,106,973	8,522	15,914	96,1	
1795.....	35,556	16,736	225	8,000,000	....	....	....	6,106,729	12,213	36.5	4,176,347	8,737	13,260	79,2	
1796.....	44,444	20,921	225	10,000,000	....	....	....	3,788,429	7,577	34.0	3,506,577	7,336	20,680	96,8	
1797.....	48,889	23,013	225	11,000,000	....	....	....	3,000,005	30.0	370,863	7,761	12,054	52,4		
1798.....	66,637	31,381	225	15,000,000	....	....	....	9,532,263	19,065	44.0	3,600,297	7,532	19,848	63,2	
1799.....	88,889	41,841	225	20,000,000	....	....	....	17,789,803	35,580	28.0	4,239,987	8,870	15,131	36,2	
1800.....	153,509	73,222	228	35,000,000	....	....	....	20,911,201	41,822	44.0	4,156,926	8,636	40,900	54,8	
1801.....	210,326	100,418	228	48,000,000	....	....	....	23,884,023	47,768	5,250,000	19,3	1,810,203	a 20,038	52,480	52,3
1802.....	231,092	115,063	238	55,000,000	....	....	....	37,712,079	75,424	7,920,000	19.3	a 551,044	a 137,375	38,486	33,4
1803.....	222,222	125,323	238	60,000,000	....	....	....	35,034,175	70,068	7,650,000	20.6	87,287	183	21,788	55,638
1804.....	261,044	135,983	249	65,000,000	....	....	....	38,390,087	76,780	9,445,000	24.6	218,137	a 656	59,659	43,9
1805.....	304,348	146,444	230	70,000,000	....	....	....	35,657,465	71,315	8,332,000	23.4	459,247	901	76,690	52,0
1806.....	285,714	167,364	280	80,000,000	....	....	....	63,944,459	127,889	14,232,000	22.3	709,592	1,485	40,900	24,5
1807.....	289,855	167,364	276	80,000,000	....	....	....	10,630,445	21,261	2,221,000	20.9	3,009,985	6,297	152,400	91,1
1808.....	334,821	156,904	224	75,000,000	....	....	....	50,990,255	101,981	8,515,000	16.7	a 765,367	a 1,601	53,322	34,0
1809.....	328,000	171,648	250	82,000,000	....	....	....	93,261,462	186,523	15,108,000	16.2	a 267,515	b 15,535	59,659	43,9
1810.....	286,195	177,824	297	85,000,000	....	....	....	62,058,236	124,116	9,652,000	15.6	206,040	431	54,139	30,4
1811.....	325,263	167,364	246	80,000,000	....	....	....	28,887,377	77,775	3,080,000	10.7	428,906	887	11,486	66,0
1812.....	304,878	156,904	246	75,000,000	....	....	....	19,110,016	38,220	3,224,000	12.2	1,497,399	3,133	121,817	77,6
1813.....	304,878	156,904	246	75,000,000	....	....	....	17,729,007	33,488	2,683,000	15.1	48,366	101,101	121,547	77,5
1814.....	254,645	146,444	275	70,000,000	....	....	....	82,998,747	165,529	17,529,000	21.1	a 127,75	a 266	19,821	43,9
1815.....	369,004	209,205	271	100,000,000	....	....	....	81,947,116	163,894	24,106,000	29.4	a 21,122	a 44	45,267	24,6

b Excess of foreign exports over total imports.

a Excess of foreign exports over total imports.

Production, value, domestic exports, net imports, and consumption of cotton in the United States, 1790-1911—Continued.

Year.	Production.			Domestic exports, beginning in year mentioned.			Imports, less reexports, beginning in year mentioned.			Number.	Quantity, gross weight.	Per cent of production.	
	Running bales, counting half bales.	Equivalent 500-pound bales, gross weight.	Net weight of lint per bale.	Average yield per acre.	Total net weight of lint.	Gross weight.	Equivalent 500-pound bales, gross weight.	Export value.	Export price per pound, gross weight.	Dollars.	No. 500-pound bales, gross weight.	Import value.	
1816.....	253,414	282	124,000.000	....	....	....	85,049.328	171,627.614	26.4	No. 978,781	90,163	34.8	
1817.....	465,950	271,967	279	130,000.000	7,777	92,471.178	184,942.258	33.2	1,474,987	3,080	90,111	33.1	
1818.....	446,429	261,566	280	125,000.000	7,777	87,997.045	175,994.769	24.0	a 2,129,202	a 4,454	81,058	31.1	
1819.....	632,576	349,372	264	167,000.000	....	127,860.152	255,720	22,308.657	17.4	a 2,184,772	a 4,571	89,081	25.5
1820.....	575,540	334,728	278	160,000.000	....	124,893.405	249,787	20,157.484	16.1	204,286	427	85,368	25.5
1821.....	630,642	376,569	283	180,000.000	....	144,675.955	289,350	24,035.058	16.6	a 93,677	a 196	87,023	23.1
1822.....	439,710	439,331	238	210,000.000	....	113,723.270	20,445.520	11.8	52,035	112	1,109	994	20.9
1823.....	656,028	387,000.000	282	185,000.000	....	142,369.663	284,739	21,947.401	15.4	45,601	932	103,222	26.7
1824.....	717,748	449,791	286	215,000.000	....	176,449.907	352,900	36,846.649	20.9	a 10,222	26	96,917	21.5
1825.....	817,308	533,473	312	255,000.000	....	294,310.115	588,620	29,358.545	12.2	37,995	79	124,481	23.3
1826.....	1,057,402	732,218	321	350,000.000	....	210,590.463	421,181	22,487.229	10.7	265,272	567	143,672	19.6
1827.....	805,970	504,884	335	270,000.000	....	204,837.186	529,674	26,753.311	10.0	a 18,996	a 40	144,270	25.5
1828.....	933,079	679,916	341	325,000.000	....	285,459.102	596,918	29,674.883	9.9	180,530	378	3,371	22.1
1829.....	1,076,696	763,598	339	365,000.000	....	325,000.000	596,000	26,100.000	10.0	11,530	11,511	16,076	19.9
1830.....	1,026,338	732,218	341	350,000.000	....	276,979.784	553,960	25,289,492	9.1	10,447	22	6,198	24.3
1831.....	1,069,444	805,439	360	385,000.000	....	322,215.122	644,430	31,724,682	9.8	a 10,289	a 22	15,988	20.3
1832.....	1,114,286	815,900	350	390,000.000	....	324,698.604	649,397	36,191,105	11.1	33,131	69	160,987	20.4
1833.....	1,225,865	930,962	363	445,000.000	....	394,717.907	769,456	49,448,402	12.9	144,265	308	2,161	10.1
1834.....	1,253,400	962,333	367	460,000.000	....	387,358,992	774,718	64,961,302	16.8	562,439	1,574	66,450	19.7
1835.....	1,360,725	1,061,821	373	507,650.425	....	423,631,307	71,284,925	16.8	204,777	30,864	214,985	20.2	
1836.....	1,423,930	1,129,016	379	539,669.470	....	444,211,537	888,423	63,240,102	14.2	a 24,721	a 510	24,083	21.3
1837.....	1,501,497	1,428,384	379	682,767.363	....	505,952,207	1,191,566.811	10.3	169,558	30,755	236,834	16.6	
1838.....	1,360,532	1,092,980	354	522,444.288	....	413,624,924	61,228,982	14.8	152,638	319	28,928	26.051	
1839.....	2,063,915	1,658,722	338	790,477.445	....	743,941,001	1,827,982	63,870,307	8.6	141,308	297	23,528	10.0
1840.....	1,634,954	1,347,640	394	644,171.876	....	530,204,100	1,060,408	54,330,341	10.2	578,240	1,210	288,442	21.4
1841.....	1,683,574	1,398,282	397	668,378,878	....	534,717,017	1,163,434	47,593,404	8.1	51,216	107	a 15,005	228,955

Retained and received for consumption, in 500-pound bales, gross weight.

1842.....	2,378,875	2,035,481	409	972,959	875	49,119,594	792,297,106	1,584,594	49,119,806	877,191	1,835	32,602	452,722	22.2			
1843.....	2,030,409	1,750,061	412	836,528	508	54,063,501	663,633,455	1,327,267	54,063,501	247,272	517	a 119,939	423,310	24.2			
1844.....	2,384,503	2,078,910	415	993,718	745	51,739,643	872,905,996	1,745,812	51,739,643	a 325,038	a 680	a 145,569	332,418	16.0			
1845.....	2,100,537	1,806,110	411	863,320	707	42,767,341	545,558,055	1,014,116	42,767,341	23,674	386	a 23,674	711,380	39.4			
1846.....	1,778,651	1,603,763	431	765,588	581	53,415,848	527,29,958	1,054,440	53,415,848	58,380	122	55,445	549,445	34.3			
1847.....	2,439,786	2,125,433	417	1,017,390	762	61,988,294	814,274,431	1,285,549	61,988,294	266,741	558	2,078	500,442	23.5			
1848.....	2,866,938	2,615,031	436	1,249,984	968	66,366,977	1,026,602,329	2,033,204	66,366,977	10,378	104	561,349	561,349	21.5			
1849.....	2,469,093	2,066,187	400	987,637	200	71,984,616	635,331,604	1,270,763	71,984,616	11,3	231,971	485	795,909	38.5			
1850.....	2,454,442	2,136,083	416	1,021,047	872	927,237,089	1,854,474	112,315,317	12,1	157,757	330	11,281	281,939	13.2			
1851.....	3,126,310	2,799,290	428	1,338,060	680	1,093,250,638	1,186,461	87,965,732	8,0	244,548	512	12,521	613,341	21.9			
1852.....	3,416,214	3,150,388	438	1,496,301	732	1,111,350,370	2,223,141	109,456,404	9,8	680,106	1,423	30,053	908,620	29.0			
1853.....	3,074,979	2,766,194	430	1,322,240	970	937,833,106	1,975,666	93,566,220	9,5	1,141	31,318	179,639	28.6				
1854.....	2,982,634	2,708,082	434	1,294,463	156	1,008,424,601	2,016,849	88,143,844	8,7	2,115,367	4,425	131,457	695,658	26.7			
1855.....	3,665,557	3,220,782	420	1,539,533	940	1,351,701,701	2,702,863	12,3	1,096,841	2,295	71,335	520,214	16.2				
1856.....	3,093,737	2,873,680	444	1,373,619	228	1,048,282,475	2,096,565	131,575,859	12,6	802,233	1,675	62,172	758,793	27.1			
1857.....	3,257,339	3,012,016	442	1,433,735	888	1,183,624,012	2,227,248	131,386,661	11,7	41,356	774,768	25.7					
1858.....	4,018,914	3,788,273	447	1,706,454	558	1,386,466,562	2,772,937	161,806,555	10,9	130,288	965,336	26.6					
1859.....	5,387,052	4,507,933	400	2,154,820	800	1,767,636,338	3,355,373	191,806,555	10,9	130,288	972,620	21.6					
1860.....	3,849,469	3,841,416	477	1,886,196	713	307,516,099	615,032	34,051,483	11,1	29,507,187	61,731	58,448	326,384	84.0			
1861.....	4,500,000	4,490,586	477	1,446,500	000	11,384,986	22,077	8,499,603	42,6	32,358	222	67,695	974,599	101.1			
1862.....	1,600,000	1,586,658	477	703,200	000	11,383,911	23,988	6,333,347	52,8	25,049,722	52,405	7,732,961	447,476	102.8			
1863.....	1,450,000	1,449,059	477	700,150	000	8,884,374	17,779	1,000,000	38,1	32,885,584	63,783	58,362	147,476	106.3			
1864.....	300,000	289,372	477	143,100	000	1,307,512,829	1,301,146	200,346,279	30,8	4,933,681	10,322	859,322	802,834	38.3			
1865.....	2,269,316	2,093,658	441	1,000,768	356	700,848,516	1,401,697	149,818,351	13,7	1,035	216,041	545,345	28.0				
1866.....	2,097,314	1,948,077	444	931,201	576	751,375,343	1,502,756	103,371,304	13,7	164,890	345	53,783	843,198	35.9			
1867.....	2,519,554	2,345,610	445	1,121,201	530	189,8	11,384,986	22,077	8,499,603	18,6	894,076	1,870	895,362	40.9			
1868.....	2,366,467	2,198,141	444	1,080,711	343	690,284,861	1,300,449	119,671,338	19,5	1,446,413	3,026	252,178	535,817	20.3			
1869.....	3,011,996	2,520,499	400	1,204,798	400	993,844,009	1,987,071	188,322,906	19,5	1,803,594	3,784	351,302	1,021,442	23.1			
1870.....	4,332,317	4,024,527	442	1,923,724	114	12,1	232,770,618	1,461,378,310	2,922,757	192,212,480	13,3	861,042	1,802	150,292	1,103,572	27.4	
1871.....	2,974,351	2,756,564	444	1,317,637	448	17,9	235,887,111	492,488,397	84,937,111	17,9	3,046	6,374	848,005	938,001	34.0		
1872.....	3,930,508	3,650,932	444	1,745,145	552	16,5	287,949,016	1,235,294,963	2,470,901	16,4	4,757	635	845,638	1,190,355	32.6		
1873.....	4,170,388	3,873,750	444	1,811,632	272	179,7	14,1	261,082,970	1,341,235,340	2,682,631	185,170,520	14,6	1,692,601	3,541	325,259	1,194,660	30.8
1874.....	3,832,991	3,528,276	440	1,086,516	040	147,5	13,0	219,247,056	1,252,058,889	2,504,118	16,726,380	13,3	1,803,594	3,784	351,302	1,731,233	21.1
1875.....	4,632,313	4,302,818	444	2,056,746	972	190,6	11,1	228,288,914	1,518,825,111	3,027,650	171,396,873	11,3	2,150,171	4,498	331,474	1,269,666	20.5
1876.....	4,474,069	4,118,390	440	1,968,580	360	167,8	9,9	194,880,446	1,419,709,173	2,839,418	15,521,838	11,1	2,309,632	4,832	354,406	1,283,804	31.2
1877.....	4,773,865	4,494,224	450	1,448,239	250	162,1	10,5	225,565,121	1,598,719,266	3,197,439	174,637,633	11,0	2,411,973	5,046	388,761	1,301,831	20.0
1878.....	5,074,155	4,745,078	447	2,968,147	286	191,1	8,2	183,198,077	1,645,083,172	3,200,167	163,805,068	10,0	2,413,644	5,049	420,410	1,459,960	30.8
1879.....	5,755,339	5,466,387	454	2,612,932	886	190,5	10,2	266,519,165	1,871,376,133	3,742,752	217,365,305	11,6	3,622,164	7,575	588,018	1,731,233	31.1
1880.....	6,605,750	6,356,908	460	3,038,645,000	184,5	9,8	207,737,210	2,227,747,731	4,433,495	251,402,569	11,3	2,603,930	5,447	470,620	1,908,950	30.0	
1881.....	5,456,048	5,136,447	450	2,221,600	149,8	10,0	1,682,226,160	1,688,200,547	3,376,511	2,05,605,741	11,5	1,558,855	3,621	431,062	1,763,187	33.3	
1882.....	6,949,756	6,833,442	470	3,266,335	320	185,7	9,9	3,232,372,147	2,05,605,741	5,161,331	2,254,261	10,8	50,499	2,254,261	47,716	32,9	
1883.....	5,713,200	5,521,933	462	2,639,498,400	164,8	9,0	2,237,554,860	1,860,634,497	3,732,369	197,984,295	10,6	5,376,152	11,247	1,09,056	1,799,841	32.6	
1884.....	5,682,000	5,498,033	460	2,613,720,000	153,8	9,2	240,402,240	1,805,034,912	3,730,170	198,744,802	10,7	3,415,049	7,144	623,977	1,745,007	32.0	

Excess of foreign exports over total imports.

Production, value, domestic exports, net imports, and consumption of cotton in the United States, 1890-1911—Continued.

Excess of domestic exports over production and imports less reexports.

Preliminary.

